

January 2012

V I T A

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Education: Ripon College, 1965-68, B.A. Mathematics-Economics, Phi Beta Kappa
University of Chicago, MA, Ph.D. (1977) Economics
Thesis topic: "An Econometric Model of Family Labor Supply"; committee:
Marc Nerlove, James Heckman, Gilbert Ghez.

Past Positions: Post-Graduate Fellow, Department of Economics, University of Minnesota
(1974-75)
Assistant Professor, Department of Economics and Institution for Social and
Policy Studies, Yale University (1975-82)
Associate Professor, Department of Economics, Ohio State University (1982-86)
Director of Graduate Studies (1984-87)
Director, Initiative in Population Research, Ohio State University (2005-2009)

Present Position: Professor, Department of Economics, Ohio State University (1986-Present)
Director, Center for Human Resource Research (1987-Present)

Recent Presentations:

Respondent Attrition vs Data Attrition and Their Reduction; Conference on The Future of Survey
Research: Challenges and Opportunities sponsored by NSF and Stanford University, October 2012.

Motivations for Modifying Questionnaires in Recurring Surveys; Conference on Questionnaire Design
Issues in Longitudinal and Repeated Cross-sectional Surveys, Duke University, February 2011.

Depression Over the Life Course and Across Generations; Longview Conference, Cambridge, UK,
September 2010 (with Elizabeth Cooksey).

Keynote address, Household Heterogeneity and Household Finance Conference, Federal Reserve Bank of
Cleveland, September, 2010.

Six Lectures in Longitudinal Data Collection and Analysis; Higher School of Economics, Moscow,
Russia, September 2010.

“Who Starts Ahead and Who Moves Ahead? Achievement, Social Adjustment and their Production in Children”, Festschrift in honor of T. Paul Schultz, Washington, DC, May 2010..

“Open Ended Coding in the NLS”, Conference on Optimal Coding of Open-Ended Survey Data, Ann Arbor, December 2008.

“The Desirability of Partner Traits and Two Decades of Change in the Marriage Market: A One-and-a-Half Sex Model of Marriage”, Bureau of Labor Statistics, May 2008.

“Predicting Respondent Cooperation and Strategies to Reduce Attrition”, Edinburgh, February 2008.

Presentation to Methods of Longitudinal Surveys, Essex, England, July 2006

Articles

Olsen, R. “Infrastructure for Survey Data Processing in Urban and Planning Studies”, *Online Research Methods in Urban and Planning Studies: Design and Outcomes*, Carlos Nunes Silva, (ed.), IGI 2012, p. 17-36.

Olsen, R. and Dunn, L. “Housing Price Declines and Household Balance Sheets”, *Economics Letters*. May 2010, pp. 585-590.

Olsen, R. “Data Management,” *Encyclopedia of Survey Research Method*, Paul J. Lavarakas, (ed.), Sage 2008, p. 177 – 180. (with Carol Sheets)

Olsen, R. “Computer Assisted Personal Interviewing,” *Encyclopedia of Survey Research Method*, Paul J. Lavarakas, (ed.), Sage 2008, p. 118 – 120.

Olsen, R. “Computer Assisted Self-Interviewing,” *Encyclopedia of Survey Research Method*, Paul J. Lavarakas, (ed.), Sage 2008, p. 121 – 122.

Olsen, R. “VoIP and the Virtual Computer Assisted Telephone Interview (CATI) Facility,” *Encyclopedia of Survey Research Method*, Paul J. Lavarakas, (ed.), Sage 2008, p. 950 – 952. (with Carol Sheets)

Reagan, P., Salsberry, P. and Olsen, R. “Does the measure of economic disadvantage matter? Exploring the effect of individual and relative deprivation on IUGR,” *Social Science and Medicine* 64(May 2007), 2016-2029.

Olsen, R. “The Problem of Survey Attrition: Survey Methodology is Key ,” *Monthly Labor Review* 128(2005), 63-70.

Reagan, P. and Olsen, R. “You Can Go Home Again: Evidence from Longitudinal Data,” *Demography* 37(2000), 339-350.

Olsen, R. “Review of *Teacher Supply, Demand and Quality: Policy Issues, Models and Data Bases* by Boe and Gifford,” *Education Economics* 2 (1994), 222-225.

Olsen, R. “Fertility and the Size of the U.S. Labor Force,” *Journal of Economic Literature* 22 (March 1994), 60-100.

- Olsen, R. "The Relation Between the Rate of Return to Tenure, Earnings Growth, and Job Switching," in *Survival Analysis: State of the Art* John Klein and Prem Goel (eds.), 1992, Dordrecht: Kluwer Academic Publishers, 435-448.
- Olsen, R. "Social Indicators to Track Dependency," in *Welfare Dependency*, Hearings before the Subcommittee on Social Security and Family Policy of the Committee on Finance, United States Senate, U.S. Government Printing Office, Washington: 1991.
- Olsen, R. and Farkas, G. "Employment Opportunity Can Decrease Adolescent Childbearing within the Underclass," in *Evaluation and Program Planning* Jeanne C. Marsh (ed.) 14 (1991), 27-34.
- Olsen, R. and Farkas, G. "The Effect of Economic Opportunity and Family Background on Adolescent Fertility Among Low-Income Blacks," *Journal of Labor Economics* 8 (July 1990), 341-362.
- Murnane, R. and Olsen, R. "The Impacts of Salaries and Opportunity Costs on Length of Stay in Teaching: Evidence from North Carolina," *Journal of Human Resources* 25 (Winter 1990), 106-124
- Murnane, R. and Olsen, R. "The Effects of Salaries and Opportunity Costs on Duration in Teaching: Evidence from Michigan," *Review of Economics and Statistics* 71 (May 1989), 347-356.
- Olsen, R. and Farkas, G. "Endogenous Covariates in Duration Models and the Effect of Adolescent Childbirth on Schooling," *Journal of Human Resources* 24 (Winter 1989), 39-53.
- Murnane, R. and Olsen, R. "Will There Be Enough Teachers," *American Economic Review Papers and Proceedings* 89 (May 1989), 242-246.
- Olsen, R. "Review of 'Models of Marital Status and Childbearing' by Mark Montgomery and James Trussell," *Journal of Human Resources* 23 (Fall 1988), 577-583.
- Olsen, R. "Cross-Sectional Methods for Estimating the Replacement of Infant Deaths," *Research in Population Economics* 6 (1988), 111-136.
- Hay, J. W., Miller, D., Olsen, R., Rippey, R., Welch, B. and Welch A. "The Rand Health Insurance Study: A Summary Critique," *Medical Care* February 1987.
- Olsen, R. "Comment" (on a review of the frontier production function literature) *Econometric Reviews* 4 (1986), 339-343.
- Olsen, R., Smith, D. A., and Farkas, G. "Structural and Reduced Form Models of Choice Among Alternatives in Continuous Time: Youth Employment Under a Guaranteed Jobs Program," *Econometrica* 54 (March 1986), 375-394.
- Olsen, R. "Gold, Foreign Capital and the Industrialization of Russia," *The Journal of European Economic History* 14 (Spring 1985), 143-154.
- Olsen, R. and Farkas, G. "Conception Intervals and Substitution of Fertility Over Time," *Journal of Econometrics* 28 (January 1985), 103-112.
- Murnane, R., Newstead, S., and Olsen, R. "Comparison of Public and Private Schools: the Puzzling Role of Selectivity Bias," *Journal of Business and Economic Statistics* 2 (January 1985), 23-35.

- Hay, J. and Olsen, R. "Let Them Eat Cake: A Note on Comparing Alternative Models of the Demand for Medical Care," *Journal of Business and Economic Statistics* 2 (July 1984), 279-282.
- Olsen, R. "Price Controls, Price Discrimination and the Market for Petroleum," *Policy Studies Journal* 13 (September 1984), 55-66.
- Trussell, J. and Olsen, R. "Evaluation of the Olsen Technique for Estimating the Fertility Response to Child Mortality," *Demography* 20 (August 1983), 391-405.
- Olsen, R. and Wolpin, K. "The Impact of Exogenous Child Mortality on Fertility: A Waiting Time Regression with Dynamic Regressors," *Econometrica* 51 (May 1983), 731-749.
- Olsen, R. "Mortality Rates, Mortality Events, and the Number of Births," *American Economic Review* (May 1983), 29-32.
- Olsen, R., "Independence from Irrelevant Alternatives and Attrition Bias: Their Relation to One Another in the Evaluation of Experimental Programs," *Southern Economic Journal* 49 (October 1982), 521-535.
- Olsen, R. "Distributional Tests for Selectivity Bias and a More Robust Likelihood Estimator," *International Economic Review* 23 (February 1982), 223-240.
- Farkas, G. and Olsen, R. "Youth Labor Supply During the Summer: Evidence for Youths from Low-Income Households," *Research in Labor Economics* Ronald G. Ehrenberg (ed.) JAI Press Inc.: Greenwich, 1981, 151-190.
- Olsen, R. "A Least Squares Correction for Selectivity Bias," *Econometrica* 48 (November 1980), 1815-1820.
- Olsen, R. "Estimating the Effect of Child Mortality on the Number of Births," *Demography* 17 (November 1980), 429-444.
- Olsen, R. "Approximating a Truncated Normal Regression with the Method of Moments," *Econometrica* 48 (July 1980), 1099-1105.
- Farkas, G., Olsen, R., and Stromsdorfer, E. "Reduced Form and Structural Models in the Evaluation of the Entitlement Demonstration," *Evaluation Studies Review Annual*, Vol. 5, 1980, 360-394.
- Olsen, R. "Note on the Uniqueness of the Maximum Likelihood Estimator for the Tobit Model," *Econometrica* 46 (September 1978), 1211-1216.
- Olsen, R. "Comment on 'The Effect of Unions on Earnings and Earnings on Unions: A Mixed Logit Approach,'" *International Economic Review* 19 (February 1978), 259-261.

Books, Monographs or Bulletins

Who Will Teach? Policies that Matter (with Richard Murnane, Judith Singer, John Willet, and James Kemple) Harvard University Press: Cambridge, 1991.

The Future of the NLS Center for Human Resource Research: Columbus, 1989.

Final Program Impacts of the Youth Incentive Entitlement Pilot Projects (with George Farkas, et al) Manpower Demonstration Research Corporation: New York, 1984.

Early Impacts from the Youth Entitlement Demonstration: Participation, Work, and Schooling (with George Farkas, et al) Manpower Demonstration Research Corporation: New York, 1980.

Schooling and Work Among Youths from Low Income Households (with George Farkas, et al) Manpower Demonstration Research Corporation: New York, 1979.

Working Papers

Infrastructure for Survey Data Processing in Urban and Planning Studies, for *Online Research Methods*, Carlos Nunes Silva, ed. (in process).

Depression over the Life Course and Across Generations,” December 2010.

Reagan, Patricia B, Pamela J. Salsberry, and Randall J. Olsen, “Cumulative Relative Deprivation, Race/Ethnicity and Birth Weight,” February 2006, revise and resubmit *Social Science and Medicine*, resubmitted February 2006.

“The Effects of Computer Assisted Interviewing on Data Quality,” November 1992.

“The Evolution of Child Development” October 1999.

“The Relation of Returns to Tenure and Job Switching,” April 2000.

“Design Effects with Complex Sampling: Evidence from the NLSY79”, April 2003, with Curtis Eberwein and Patricia Reagan.

“A Report on Experiments to Secure Cooperation in the National Longitudinal Surveys”, April 2003, with James Walker (American Association for Public Opinion Research, May 2003).

Research in Progress

Construction of longitudinal data archive for administrative data from the State of Ohio covering employment, education, training and unemployment. Depression over the life cycle and across generations; Waiting time models; estimation of effect of experience on earnings when tenure is endogenous; standard errors in longitudinal surveys and optimal design of clustered samples; Homogamy and heterogamy in marriage

Refereeing and Professional Service

Appointed Member, Federal Advisory Committee to the National Child Study, May 2012-

Member, Department of Education Review Panel for Educational Longitudinal Survey (ELS)

Consultant, RTI, on design of ELS final follow-up for the National Center on Education Statistics.

Reviewer, NIH (ongoing)

Reviewer, Social Sciences and Humanities Research Council (Canada), 2009.

Treasurer, Association of Population Centers, 2006 – 2009

Consulting Reviewer for the Economic and Social Research Council to examine its Research Resource Centers for Longitudinal Research in the UK, 2007 - 2008.

Member, National Academy Panel to Assess the Benefits of the American Community Survey for the NSF Science Resources Statistics Division, 2007 – 2008.

NIH Panel to Review P01 on Wisconsin Longitudinal Survey, 2007.

Member, American National Election Studies oversight panel, 2006 – 2009

Advisor, European Study on Education (REFLEX), 2006 - 2009

Associate Editor, *Demography*, 2001 – 2004

NIH Review Panel for Population Infrastructure Grants, 2007

NIH Study Section Reviewer for Post-Doctoral Fellowship programs, October 2004

NIH Program Project Review Chair, June 2004

NIH Reviewer for R03/R21 proposals on Health of the Population

Organizer, PAA session on Demography of the Labor Force, March 2004

NIH Special Reviewer, November 2003

NIH Reviewer, Panel on Intergenerational Resource Allocation, July 2003

NIH Program Project Site Visit Committee, June 2003

NIH Review Panel on Intergenerational Transfers, July 2003

Reviewer, Human Resource and Development Canada on National Longitudinal Survey of Children and Youth, January 2003

NIH Program Project Site Visit Committee, April 2002

NIH Population Research Infrastructure Review Panel, March 2002

NIA Study Section Ad Hoc Reviewer, March 2002

NIH Program Project Site Visit Committee, June 2001

Chair, Population Research Infrastructure Review Panel, NIH, April 2001.

Chair, National Institutes of Health, Population Research Center Evaluation, August 2000

Reviewer, National Institutes of Health, June 2000

Reviewer, Canada Foundation for Innovation, April 2000

Reviewer, National Institute on Occupational Safety and Health, August 1999

NIH Program Project Reverse Site Visit Committee 1998.

NIH Program Project Site Visit Committee 1997;

Special Reviewer, Social Sciences and Population Study Section, NIH (1994, April 1999, June 1999);

Chair, Special Emphasis Panel, SBIR Review Group, NIH (1993);

Member, Special Review Group, Behavioral Medicine, NIH (1993);

Member of Social Sciences and Population Study Section, NIH (1989-93);

Testified before U.S. Senate Finance Committee, 1991:

Member, Panel to Review the Survey of Income and Program Participation, National Research Council, National Academy of Sciences;

Associate Editor, Applications and Case Studies, *Journal of the American Statistical Association*, (1989-1998);

Associate Editor, *Evaluation Review* (1988-92);

Periodic Referee, *Econometrica*, *Journal of Political Economy*, *International Economic Review*, *Journal of Labor Economics*, *Demography*, *Journal of Econometrics*, *Journal of Human Resources*, *Research in Population Economics*, National Science Foundation, MIT Press, *Journal of Business and Economic Statistics*, *Journal of Population Economics*, Israel Science Foundation.

Ad Hoc Panel Member on NIH Social Sciences and Population Study Section Spring 1985 and Spring 1989;

NIH Site Visit Committee 1988;

Fields of Interest

Econometrics, Labor Economics, Applied Microeconomics, Economic Demography

Consultant

Connecticut Savings Bank, New Haven, Connecticut, 1978-79 on design of alternative mortgages.

Abt Associates, Cambridge, Massachusetts, 1979-1983, evaluation of Youth Incentive Entitlement Pilot Project, also supervised preparation of longitudinal data files.

Westat, Inc., Rockville, MD, on preparation of proposals to Department of Labor.

Price-Waterhouse, 1985-86, development of statistical methods for settling cost claims involving nursing homes, the State of Ohio, and the U.S. Health Care Financing Administration.

Office of Welfare Reform, State of Ohio, 1988, advisor on the evaluation of proposals to analyze data on Ohio welfare reform.

Unpaid consultant to Human Resource Development Canada.

Government of Sri Lanka on design of a longitudinal survey of young persons for World Bank poverty alleviation project. Made recommendations on sampling frame, survey content, and survey operation, 1994.

Mathematica Policy Research; asked to serve as expert advisor on the National Longitudinal Study of Transitions for the US Department of Education. December 2012.

Grants and Contracts (funding through May for projects in last three years)

Ohio Department of Education, Ohio Education Research Center, principal investigator (with Joshua Hawley)..

Department of Labor (through the Ohio Department of Job and Family Services), Workforce Data Quality Initiative grant to construct a longitudinal data archive of administrative data involving ODJFS and the Ohio Board of Regents. (with Joshua Hawley)

Eunice Kennedy Shriver National Institute of Child Health and Human Development, Behavioral and Clinical Research in a Long-Running Longitudinal Survey (Challenge Grant), 2009-2012, principal investigator.

Rand Corporation, New Immigrant Survey, 2006 – present, principal investigator.

Grants and Contracts (selected projects more than three years since ending)

Eunice Kennedy Shriver National Institute of Child Health and Human Development, R21 Population Research Infrastructure Center Grant, 2006-2009, principal investigator.

Bureau of Labor Statistics, National Longitudinal Surveys Rounds 7-10 NLSY97, 21 and 22 NLSY79, principal investigator

NORC, National Longitudinal Surveys, Rounds 11-14 NLSY97, 23 and 24 NLSY79, 2005 – present, principal investigator at CHRR.

National Institute of Child Health and Human Development, NLS Workshops for New Researchers, 2003 –2005, principal investigator.

National Institute of Child Health and Human Development, NLS Workshops for New Researchers, 2007 – 2008, principal investigator.

National Opinion Research Center, subcontract to NLSY97, principal investigator at OSU, 1999 - 2003

Columbus Airports Division, Customer satisfaction, 2003 – 2006, project director

Bureau of Labor Statistics, National Longitudinal Surveys Round 18, 1997 –2000, principal investigator

Bureau of Labor Statistics, National Longitudinal Surveys Rounds 19-20, 1993 – 1998, principal investigator

Ohio Department of Job and Family Services, Welfare Reform Study for Ohio, principal investigator, 1999 –2001

Franklin County Department of Job and Family Services, Supplement to above, principal investigator, 2000 - 2001

Strategic Research Group, subcontract for survey on boating safety, project director at OSU, 2003

National Opinion Research Center, subcontract to NLSY97, principal investigator at OSU

National Science Foundation grant to organize a conference on the future of the NLS (1988-89).

National Science Foundation grant to study retention of teachers (1986-89).

National Institutes of Health grant to study adolescent fertility (1984-86).

Abt Associates grant to evaluate youth entitlement experiment (1982-83).

(Total OSU awards exceed \$200 million)

University Service

Board of Directors, Ohio State University Research Foundation 1998 - 2002;

Member, ARMS Steering Committee ;

Member, PI Advisory Committee to OSURF;

Member Ad Hoc, OSURF restructuring committee;

Chair, Computer Services Pricing Committee;

President's Appointee and Past Chair, University Committee on Patents and Copyrights;

Member, SBS Committee on Tenure and Promotion;

Area Representative, Research and Graduate Studies Committee, Subcommittee on Graduate Associates and Member of Research Committee;

Past Chair, Ad Hoc Faculty Committee on Responsibility Based Fiscal Management;

Member, University Senate Committee on Responsibility Management;

Member, University Research Commission;

Member and Past Chair, Interdisciplinary Center Directors' Forum.